

	Type	Hits	Search Text
1	BRS	213	(vector\$3 ADJ network ADJ analy\$4) SAME calibrat\$5
2	BRS	23	((vector\$2 ADJ network ADJ (analyzer OR analyser)) AND calibrat\$4 AND short AND open) .clm.
3	BRS	8	((vector\$2 ADJ network ADJ (analyzer OR analyser)) AND calibrat\$4 AND short AND open) AND determin\$3 AND (unknown NEAR3 reflect\$5) AND match AND error AND coefficient AND standard

**Calibration process for multiport network analyzer based on a 7-term process**

**Publication number:** DE19918960

**Publication date:** 1999-11-11

**Inventor:** HEUERMANN HOLGER (DE); FABRY HANS-JOACHIM (DE); BALLMANN RALF (DE)

**Applicant:** HEUERMANN HOLGER (DE); FABRY HANS JOACHIM (DE); BALLMANN RALF (DE)

**Classification:**

- **International:** G01R35/00; G01R27/28; G01R35/00; G01R27/00; (IPC1-7): G01R35/00; G01R27/28

- **European:** G01R35/00

**Application number:** DE19991018960 19990427

**Priority number(s):** DE19991018960 19990427; DE19981018877 19980428

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**Abstract of DE19918960**

Calibration process for an n port network analyzer by measurement of reflection and transmission parameters at n+1 different but sequential calibration standards between the measurement ports. Calibration standards are taken for known n-port, 2 port or up to n times single port arrangements. Calibration standards according to any of a number of known 7 port processes can be used.

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## Calibrating vectorial network analyzer

**Publication number:** DE19918697

**Publication date:** 1999-11-18

**Inventor:** HEUERMANN HOLGER (DE); FABRY HANS-JOACHIM (DE); BALLMANN RALF (DE)

**Applicant:** HEUERMANN HOLGER (DE); FABRY HANS JOACHIM (DE); BALLMANN RALF (DE)

**Classification:**

- **international:** G01R35/00; G01R35/00; (IPC1-7): G01R35/00; G01R27/28

- **europen:** G01R35/00C

**Application number:** DE19991018697 19990426

**Priority number(s):** DE19991018697 19990426; DE19981018878 19980428

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### Abstract of DE19918697

All calibrating standards must consist of completely known n gates, n times input gates (n-gates consisting of input gates). At least one signal path of finite transmission damping as calibrating standard, must be connected between each measuring gate combination.

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